



2122
#6
SP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 7-22-03

Applicant : Richard A. Lund
Serial No.: 10/057,294
Filed : November 8, 2001
For : METHOD AND APPARATUS FOR
GENERATING INPUT SIGNALS IN
A PHYSICAL SYSTEM
Docket No.: M93.12-0293

Group Art Unit: 2102
RECEIVED

Examiner:
JUL 16 2003

Technology Center 2100

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

10 DAY OF July, 2003

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form 1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed.

TIME OF FILING

The information disclosure statement is being filed:

1. ☒ with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.

METHOD OF PAYMENT

☒ No fee is required.
☐ Attached is a check in the amount of \$_____.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Steven M. Koehler, Reg. No. 36,188
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222
Fax: (612) 334-3312

SMK:jmb



RECEIVED

JUL 16 2003

Sheet 1 of 2

FORM PTO-49 PATENT CENTER	Technology Center 2100	Atty. Docket No.: M93.12-0293	Appl. No.: 10/057,294
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor:	
		Lund	
		Filing Date	Group Art:
		November 8, 2001	1428

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	3,855,841	12/24/74	Hunter	73	11	
AB	4,061,017	12/6/77	Sloane et al.	73	579	
AC	4,480,480	11/6/84	Scott et al.	73	769	
AD	4,513,622	4/20/85	Uretsky	73	664	
AE	4,537,076	8/27/85	Lax et al.	73	662	
AF	4,916,632	4/10/90	Doi et al.	364	508	
AG	4,989,158	1/29/91	Sloane	364	508	
AH	5,175,678	12/29/92	Frerichs et al.	364	148	
AI	5,209,661	5/11/93	Hildreth et al.	434	45	
AJ	5,339,016	8/16/94	Thoen	318	610	
AK	5,353,207	10/4/94	Keeler et al.	364	164	

FOREIGN PATENT DOCUMENTS

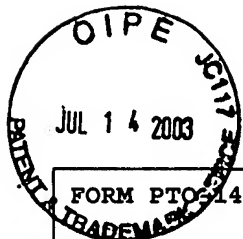
	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AL	WO 85/03547	8/15/85	WIPO			
AM	WO 97/42553	11/13/97	WIPO			
AN						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	B.W. Cryer et al., "A Road Simulation System for Heavy Duty Vehicles", Society of Automotive Engineers, Automotive Engineering Congress and Exposition, Detroit, Michigan, February 23-17, 1976, pp. 1-13.
AP	Richard A. Lund, "Multiple Channel Environmental Simulation Techniques" MTS Systems Corporation, October 1-2, 1979, pp. 1-20.
AQ	J.B. Craig, "ITFC - How it works and where to use it", Carl Schenck AG, September 1979, pp. 1-61.

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



RECEIVED

JUL 16 2003

Sheet 2 of 2

FORM PTO-1449

Technology Center 2100

Atty. Docket No.:
M93.12-0293Appl. No.:
10/057,294LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

First Named Inventor:

Lund

Filing Date

Group Art:

November 8, 2001

1428

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AQ	5,377,307	12/27/94	Hoskins et al.	395	22	
AR	5,568,404	10/22/96	Strumolo	364	558	
AS	5,572,440	11/5/96	Harashima et al.	364	508	
AT	5,598,329	1/28/97	Miemann	364	150	
AU	5,623,402	4/22/97	Johnson	364	162	
AV	5,649,063	7/15/97	Bose	395	22	
AW	5,659,667	8/19/97	Buescher et al.	395	23	
AX	5,729,463	3/17/98	Koenig et al.	364	468.04	
AY	5,732,373	3/24/98	Endo	701	42	
AZ	5,777,872	7/7/98	He	364	149	
BA	5,796,849	8/18/98	Coleman et al.	381	1.8	
BB	5,901,072	5/4/99	Shimmell	364	578	
BC	5,949,989	9/7/99	Falkowski et al.	395	500.29	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BD	Rao, Guthikonda V., "Complex Digital Control Systems: Van Nostrand Company, 1979, pp. 52-52.
BE	Jürgen Petersen et al., "SAE Technical Paper Series - The Conception, Description, and Application of a New Vehicle Endurance Test System at AUDI NS, International Congress and Exposition, Detroit, Michigan February 22-26, 1982, pp. 1-13.
BF	Richard A. Lund, "Advances In Multiple-Channel Environmental Simulation Techniques", Seminar on Modernization in Automotive Technology, Automotive Research Association of India, Pune, India, December 16-17, 1983.
BG	"RPC-II, Section FDB - Frequency Domain Baseline", MTS Systems Corporation, 1987.
BH	"RPC-11 Software, Spectral Density Iteration", for MTS Systems Corporation, 1987.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



RECEIVED

JUL 16 2003

Sheet 1 of 1

FORM PTO-1449

Technology Center 2100

Atty. Docket No.:
M93.12-0293

Appl. No.:
10/057,294

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

First Named Inventor:

Lund

Filing Date

Group Art:

November 8, 2001

1428

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BI	"RPC-II Software, Section RPC - Introduction to RPC-II" MTS Systems Corporation, 1987.
BJ	Phil Grote and Glen Grenier, "Taking the Test Track to the Lab" Automotive Engineers, June 1987, Vol. 95, No. 6, pp. 61-64.
BK	Ian Cook, "Appendix A - User Presentations: How to Get a Drive File - Jaguar Cars", RPC User Group, 8th RPC User Group Meeting, November 9-10, 1988, Eindhoven, the Netherlands, pp. 1-51.
BL	"RPC-II Software, Section FRF - Frequency Response Function" MTS Systems Corporation, 1988.
BM	"RPC-11 Software, Section THI - Time History Iteration" MTS Systems Corporation, 1988.
BN	Iain G. McGregor, "Use of the Iterative De-Convolution Method for Vehicle Stimulations", Automotive technology and automation: 20th International Symposium, May 1989, Florence, Italy, pp. 889-905.
BO	Lee, H. et al., "Nonlinear System Identification Using Recurrent networks, Neural Networks", IEEE International Joint Conference on, Nov. 1991, pp. 2410-2415, Vol. 3.
BP	Kimota et al., "Inverse Modeling of Dynamical System-Network Architecture with Identification Network and Adaptation Network", Neural Networks, IEEE International Joint Conferences on, Nov. 1991.
BQ	MTS Brochure: "Explaining the Six Steps of Remote Parameter Control™", MTS Systems Corporation, May 1996, pp. 1-11.
BR	"Adaptive Inverse control (AIC) and Online Iteration (OLI)", MTS Systems Corporation, 1997.
BS	"RPC-III Simulation Testing, Analysis, and Control System", for MTS Systems Corporation, 1997.
BT	Witkoski et al., "System Identification Using Selforganizing Feature Maps", Artificial Neural Networks, Fifth International Conference on, Vol. 2, Oct. 1997, pp. 100-1.
BU	Chon et al., "Linear and Nonlinear System Identification of Autonomic Heart-rate Modulation", IEEE Engineering in Medicine and Biology Magazine, Vol. 16, Issue 5, Sept-Oct 1997.
BV	Sasaki et al., "Identification and Control of a Non-minimum Phase Flexible Dynamical System Using Neural Networks, Systems, Man and Cybernetics", 1998 IEEE International Conference on, Vol. 2, Oct. 1998.
BW	Wolpert et al., "Multiple Paired Forward and Inverse Models for Motor Control," Neural Networks, Vol. 11, No. 7/08, Oct 1998, pp. 1317-1329.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.